

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 0225-4185

SERIAL NO.: 09/314,738

09/314,738

OIP E INFORMATION DISCLOSURE CITATION  
AUG 16 1999

(Use several sheets if necessary)

APPLICANT(S): Sholom S. Rosen

FILING DATE: May 19, 1999

GROUP ART UNIT: 2761

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LB	5,202,921	4 / 1993	Herzberg et al.			
LB	5,221,838	6/1993 <del>5/1993</del>	Gutman et al.			
	5,247,578	9 / 1993	Pailles et al.			
	5,276,311	1 / 1994	Hennige			
	5,276,736	1 / 1994	Chaum			
	5,305,200	4 / 1994	Hartheimer et al.			
	5,319,705	6 / 1994	Halter et al.			
	5,416,840	5 / 1995	Cane et al.			
	5,440,634	8 / 1995	Jones et al.			
LB	4,794,644	12 / 1988	Philip et al.			

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LB	Hei 4-64129	2/192	JP			X	
LB	Hei 6-60089 (with English Abstract)	3/94	JP				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

LB	"Trusted Devices as applied to Corporate Key Escrow", F. Sudia, Jan. 14, 1994, Bankers Trust Co.
	"Wavemeter Chip Provides Digital Money", M. Slater, <i>Microprocessor Report</i> , Vol. 8, No. 5, Apr. 18, 1994.
	"Data Networks and Open System Communications Directory / Information Technology - Open Systems Interconnection - The Directory: Authentication Framework," ITU-T Recommendation X.509, Nov. 1993
	"Anonymous Internet Mercantile Protocol", AT&T Bell Laboratories, Draft: March 17, 1994, pp. 1-16, David M. Kristol, Steven H. Low, Nicholas F. Maxemchuk
LB	Literature of Microcomputer [II], edited by Nihon Denshi Kogyo Sinko Kyokai (March, 1988), pp. 190-217 (Japanese language) and English translation thereof.

EXAMINER

GILBERTO BARRÓN, JR.

DATE CONSIDERED

5/4/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APPLICANT(S): Shalom S. Rosen

FILING DATE: May 19, 1999

GROUP ART UNIT: 2131

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
68	4,723,284	2 / 1998	Munck et al.			
	5,001,752	3 / 1991	Fischer			
	5,481,715	1 / 1996	Hamilton et al.			12/15/93
	5,490,251	2 / 1996	Clark et al.			08/09/91
	5,282,248	1 / 1994	Dejoy			
	4,663,664	5 / 1987	Ragan et al.			
	4,682,224	7 / 1987	Ragan et al.			
	4,682,223	7 / 1987	Ragan et al.			
	4,977,595	12 / 1990	Ohta et al.			
	4,453,074	6 / 1984	Weinstein			
	5,191,573	3 / 93	Hair			9/18/90
	5,675,734	10 / 97	Hair			2/27/96
	4,528,643	7 / 85	Freeny, Jr.			1/10/83

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					Yes No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

68		"Applied Cryptography: Protocols, Algorithms, and Source Code in C", Bruce Schneier, John Wiley & Sons, Inc. (417-429) ISBN 0-471-59756-2; QA76.9.A25S35 1993.
		"An Architecture for Practical Delegation in a Distributed System", Morrie Gasser, Ellen McDermott, IEEE Computer Society Press, IEEE Computer Society Symposium on Research in Security and Privacy, May 7-9, 1990.
		"Practical Uses of Synchronized Clocks in Distributed Systems", Barbara Liskov, ACM Press, 10 <sup>th</sup> Annual ACM Symposium on Principles of Distributed Computing, Aug. 19-21, 1991, ISBN 0-89791-439-2.
		"SPX: Global Authentication Using Public Key Certificates", Joseph J. Tardo and Kannan Alagappan, IEEE 191 (CH2986-8/91/0000/0232). 1991
68		"The Digital Distributed System Security Architecture", Morrie Gasser, et al., Nat'l. Inst. of Standards and Tech./Nat'l Computer Security Ctr., 12 <sup>th</sup> National Computer Security Conferences, Baltimore, MD Oct. 10-13, 1989.

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GILBERTO BARRÓN, JR.  
PRIMARY EXAMINER

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FILING DATE: May 19, 1999

GROUP ART UNIT: 224 2131

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
6B	5,878,139	3/99	Rosen			
	5,799,086	8/98	Sudia			
	5,703,949	12/97	Rosen			
	5,642,419	6/97	Rosen			
	5,621,797	4/97	Rosen			
	5,557,518	9/96	Rosen			
	5,396,558	3/95	Ishiguro et al.			
	5,389,738	2/95	Piosenka et al.			
	5,267,171	11/93	Suzuki et al.			
	5,265,164	11/93	Matyas et al.			
	5,200,999	4/93	Matyas et al.			
	5,005,200	4/91	Fischer			
	4,910,774	3/1990	Barakat			
	09/138,107		Rosen			8/98
	<del>09/138,290</del>	<del>PENDING</del>	<del>Rosen</del>			<del>8/98</del>
	<del>09/138,459</del>	<del>PENDING</del>	<del>Rosen</del>			<del>8/98</del>
	<del>09/197,179</del>	<del>PENDING</del>	<del>Rosen</del>			<del>11/98</del>

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